



**Please note:**

"All submissions are subject to the District Manager's approval. Completing and submitting this form does not mean your plan has been approved. An approval or disapproval letter will be mailed from the local MSHA office."

Long. \_\_\_\_\_ ‘ \_\_\_\_\_ “ Lat. \_\_\_\_\_ ‘ \_\_\_\_\_ “ (To be completed for new ID)

Date \_\_\_\_\_

District Manager  
Mine Safety and Health Administration  
PO Box 560  
Norton, VA 24273

Dear Sir:

In compliance with 30 CFR 77.1000 and 77.1000-1 issued pursuant to Section 101 of the Federal Mine Safety and Health Act of 1977, the following is submitted as a proposed Ground Control Plan for:

Mine Name \_\_\_\_\_ ID No. \_\_\_\_\_

Company \_\_\_\_\_

Location \_\_\_\_\_  
(Town) (County) (State)

Type of Operation: Face-Up for Deep Mine \_\_\_\_\_ Strip/Auger \_\_\_\_\_ Combination \_\_\_\_\_

Operator's Name \_\_\_\_\_

Address \_\_\_\_\_

List of Equipment

Name of Coalbed(s) \_\_\_\_\_ and \_\_\_\_\_

Height of Coalbed(s) \_\_\_\_\_ and \_\_\_\_\_

A minimum of three elevations of the Coalbed and additional elevation if known or available to be shown on a topographical map. This map shall show the limits of the mine property and underground mine workings underlying and within 1,000 feet of the surface operations. Describe the equipment used and the means of scaling the highwall

Distance from auger train to location where auger holes have been sealed \_\_\_\_\_ feet  
(maximum 500 feet).

Describe the type of drilling, maximum hole depth, blasting procedures and type of explosives used:

The following may be shown on attached sketches:

1. Anticipated number \_\_\_\_\_ and type \_\_\_\_\_  
Bench  
\_\_\_\_\_ of lifts to be made:  
Pit, etc.
2. \_\_\_\_\_ feet of minimum width of initial drill bench;
3. Anticipated height \_\_\_\_\_ feet and width \_\_\_\_\_ feet;
4. Anticipated height of highwall \_\_\_\_\_ feet;
5. Maximum height of highwall \_\_\_\_\_ feet;
6. Proposed slope angle of highwall \_\_\_\_\_ degrees and spoil banks \_\_\_\_\_ degrees.

Also show all roads leading into the pit on a sketch.

Sincerely,

\_\_\_\_\_  
Operator's Signature                      Date

\_\_\_\_\_  
Title

ID No. \_\_\_\_\_

MSHA ID No. 44-0

Date: \_\_\_\_\_

### UNDERGROUND MINING AND RELATED ACTIVITIES

Note: Removal of surface cover materials/coal where underground mine openings projected will meet the following requirements:

Depending on Strata Type	Name of Coal Seam: _____
Top of Wall will be sloped or a safety Bench be made	Coal Height: _____
	Coalbed Elevation: _____
	Anticipated Highwall Hgt.: _____
(Strata Type and Thickness)	(Sketch not to Scale)

Coal Seam

NOTE: Benching of highwall may be required when highwall height exceeds 40' or poor consolidation of material dictates.

NOTE: Stockpile may be same level or separate level stockpile. Stockpile areas of any height will not require benching.

#### GENERAL GUIDELINES

- (A) No highwall should exceed 40' in height without a minimum 10' wide bench; presplitting of highwall will be determined according to the consolidation of material.
- (B) The highwall will be benched or sloped to protect against slides and falls.
- (C) All vegetation above the highwall will be removed for a distance of 20' to allow for the safe passage of a dozer should future scaling be necessary.
- (D) All loose material on highwall will be removed with a dozer or endloader as cover material is being removed. If additional material needs to be removed after the highwall is established, a dozer with suitable length of drag track will be used.

- (E) All haulroads will be maintained a minimum of 25' from highwalls.
- (F) Where necessary, diversion ditches or equivalent will be constructed to direct surface drainage away from proposed mine openings.

MSHA ID NO. 44-0

Date: \_\_\_\_\_

### STRIP AND/OR AUGERING OPERATIONS

X=Minimum stump size between auger hole(s) will be \_\_\_\_\_.

Y=Auger Hole Size will be \_\_\_\_\_.

	<u>X</u>	<u>Y</u>	<u>X</u>	
Auger Hole				Coalbed

Note: The minimum webb (stump) width between each hole or set of holes will be increased as the strata warrants to maintain highwall stability.

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[Coalbed(s), thickness of each, and Strata Type(s) and Thickness of each are shown]